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(54) MANUFACTURE OF MAGNETIC RECORDING MEDIUM

formed on the nonmagnetic base 2.

(57) Abstract:

PURPOSE: To obtain a magnetic recording medium with high characteristic by providing a nonmagnetic under coating layer together with a magnetic layer by simultaneous overlapping coating so as to exert a magnetic field during uncuring state in providing a thin layer magnetic coating layer to a nonmagnetic base.

CONSTITUTION: A long strip nonmagnetic base 2 wound on a supply roll 1 is carried continuously in the direction of arrow A and an under layer coating liquid 3 and a magnetic liquid 4 are coated overlappingly to the surface of the nonmagnetic base 2 by a coating device 8 to form an uncured 2-layer structure. Magnetic particles in the magnetic layer in the uncured 2-layer layered on the nonmagnetic base 2 are oriented or randomized in the nonmagnetic base carrying direction while the particles pass through a device 5 in the uncured state. Then when the base passes through a drier 6, the uncured 2-layer coating film is dried and solidified and the magnetic recording sheet is formed, where the double magnetic recording layer including the magnetic particle layer is

